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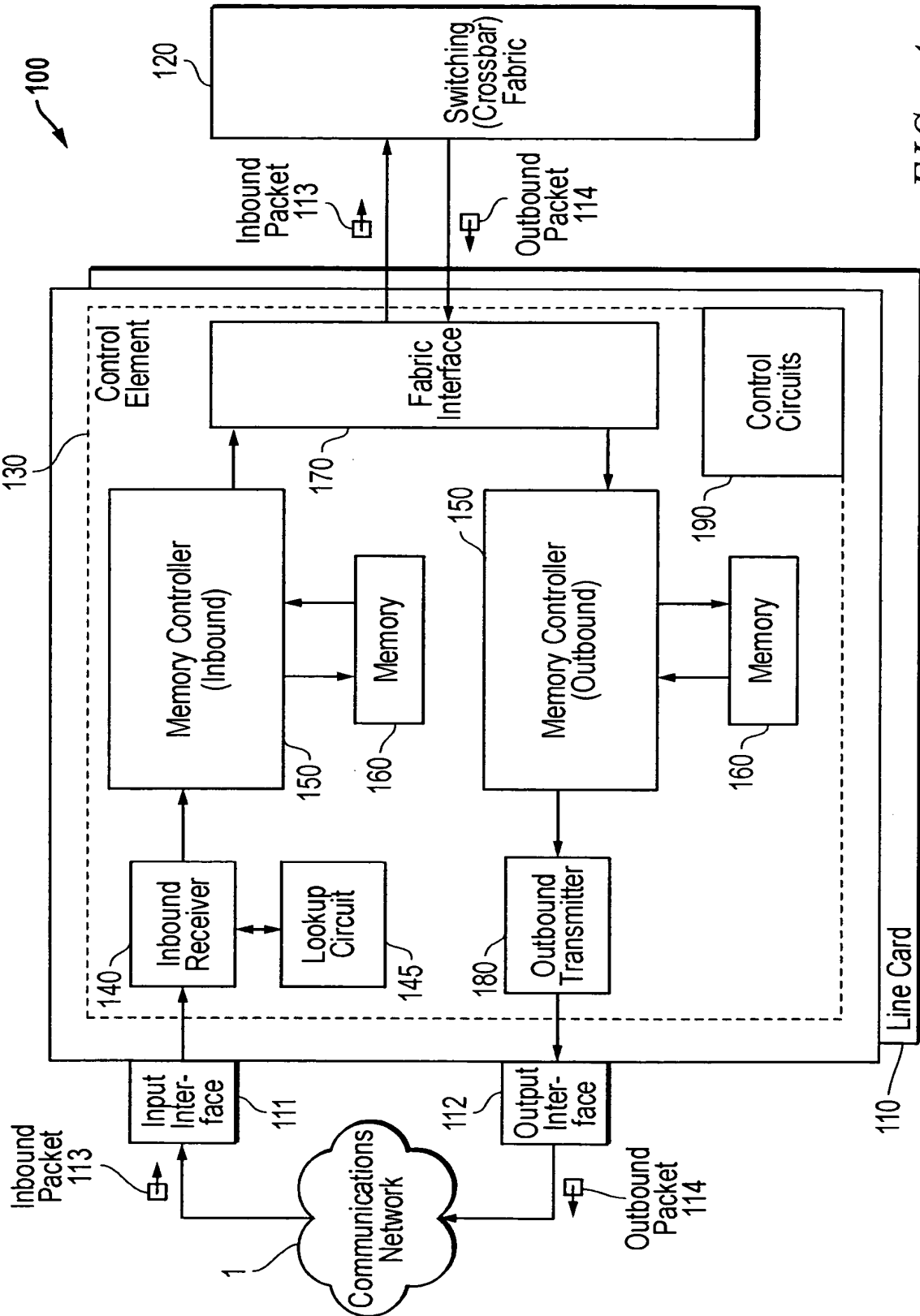


FIG. 1



FIG. 2

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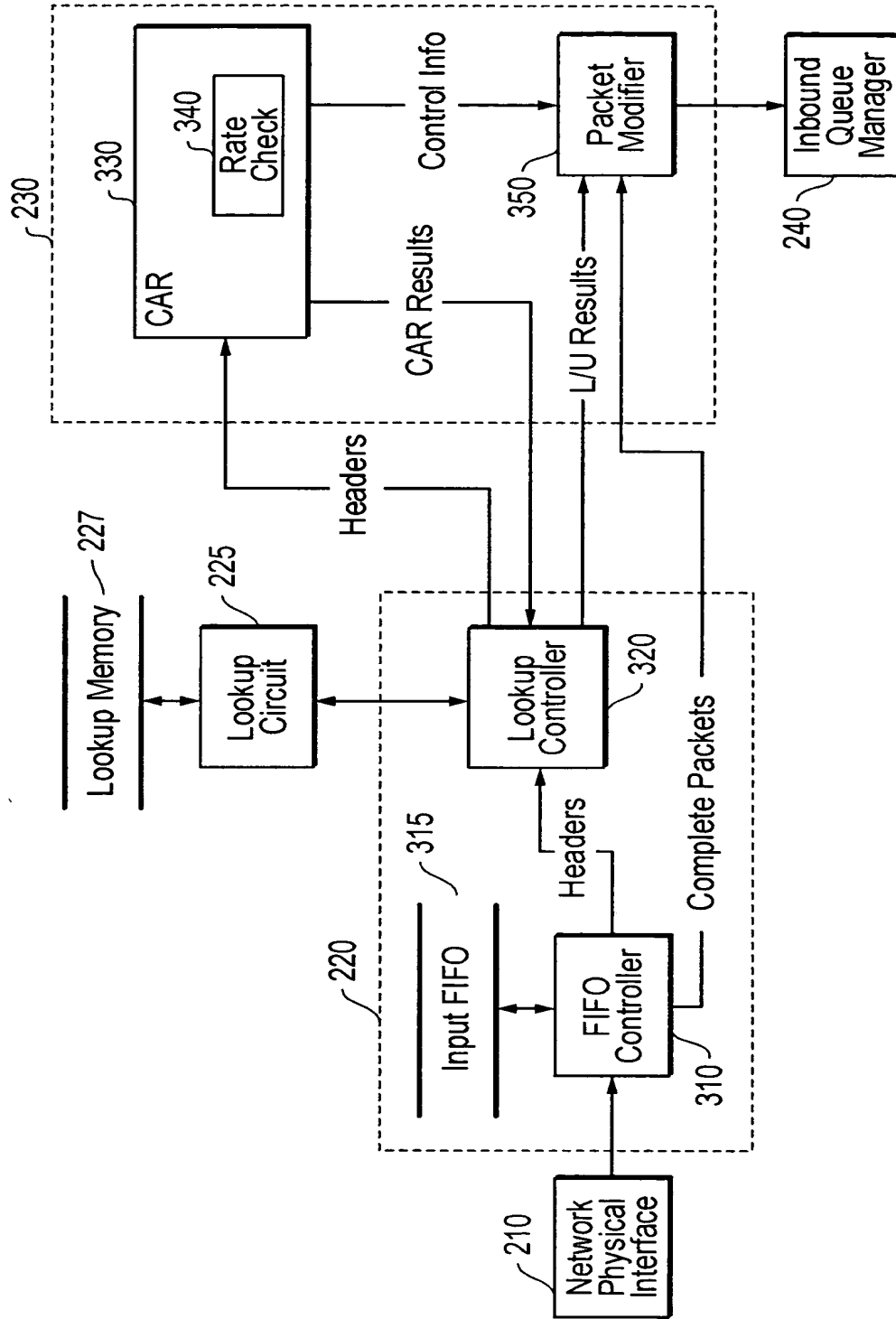


FIG. 3

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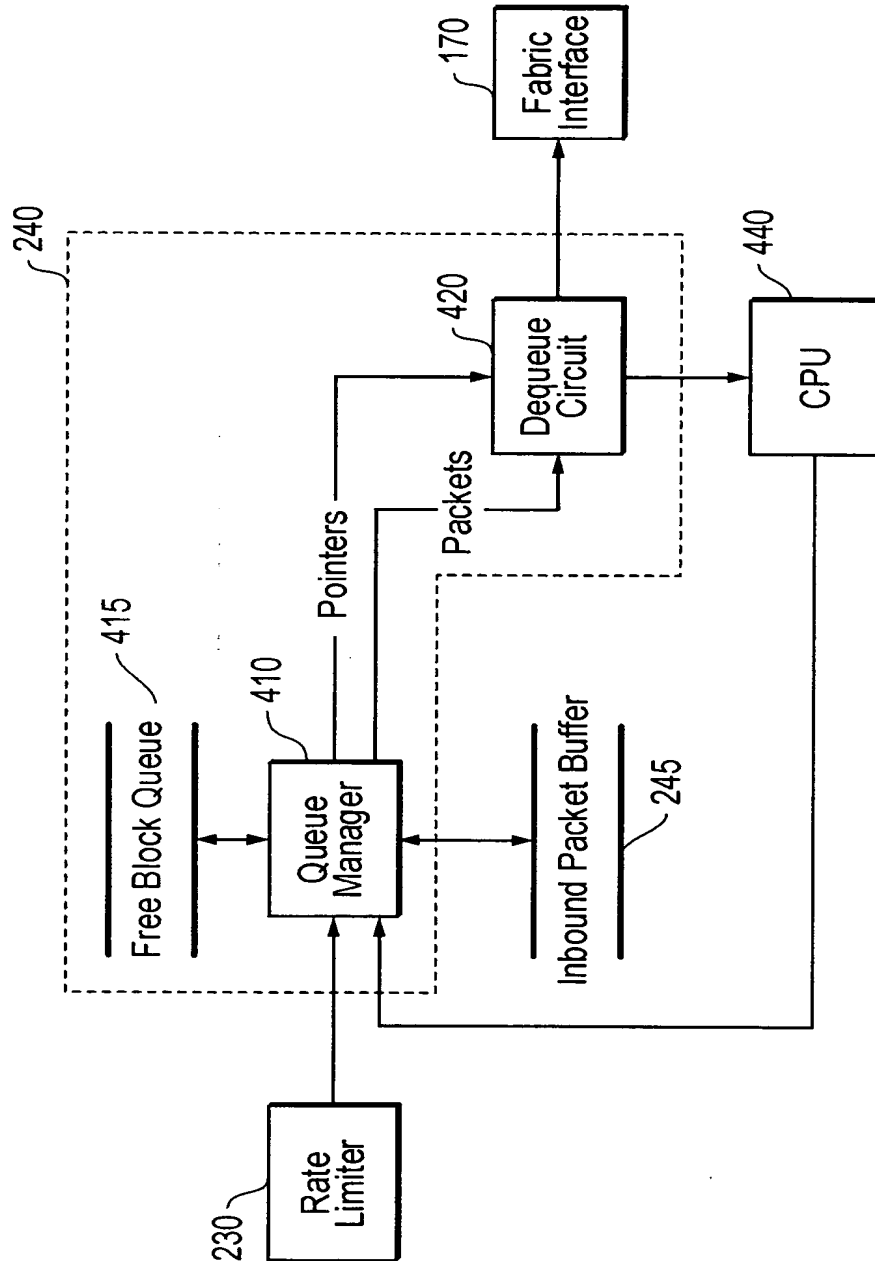


FIG. 4

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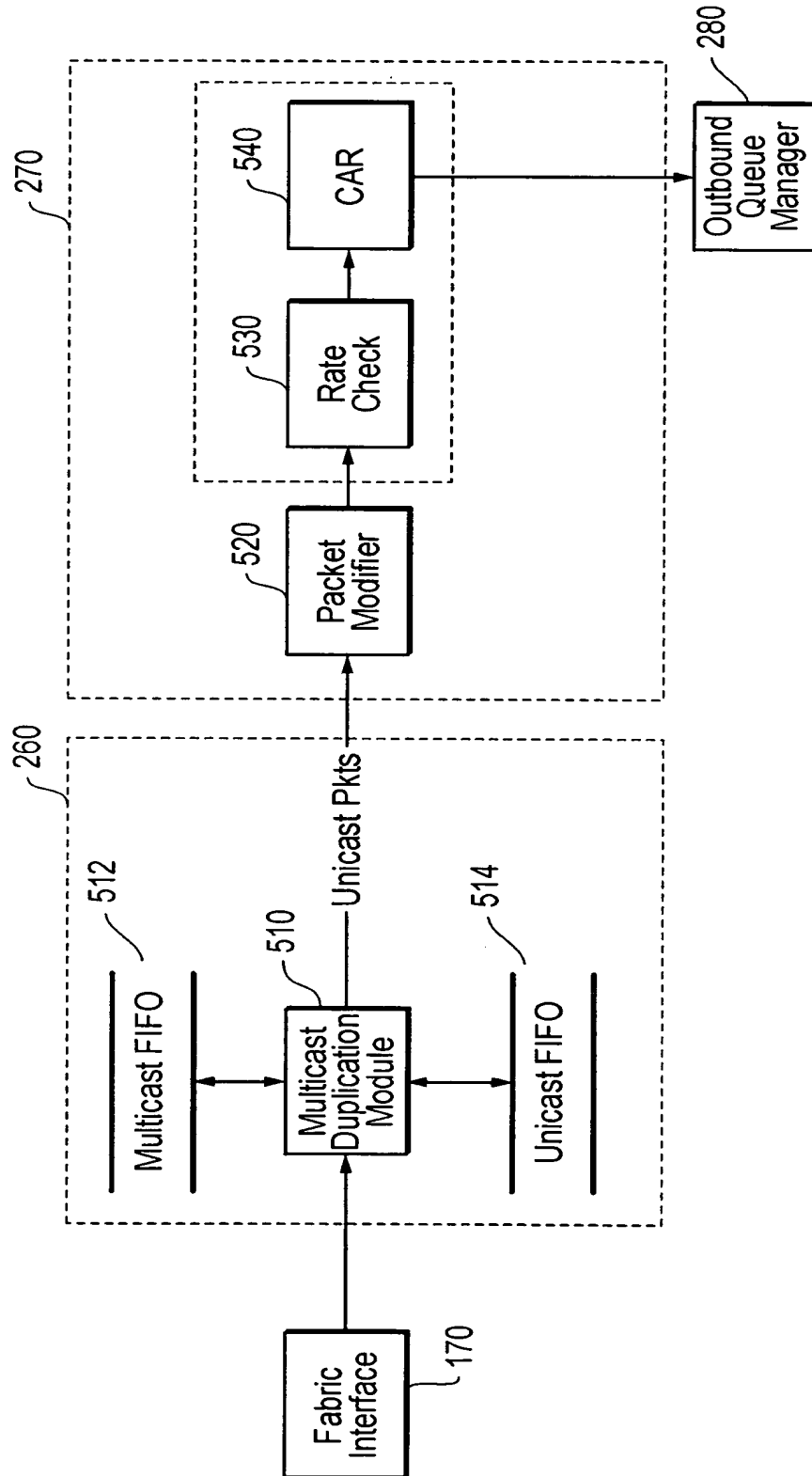


FIG. 5

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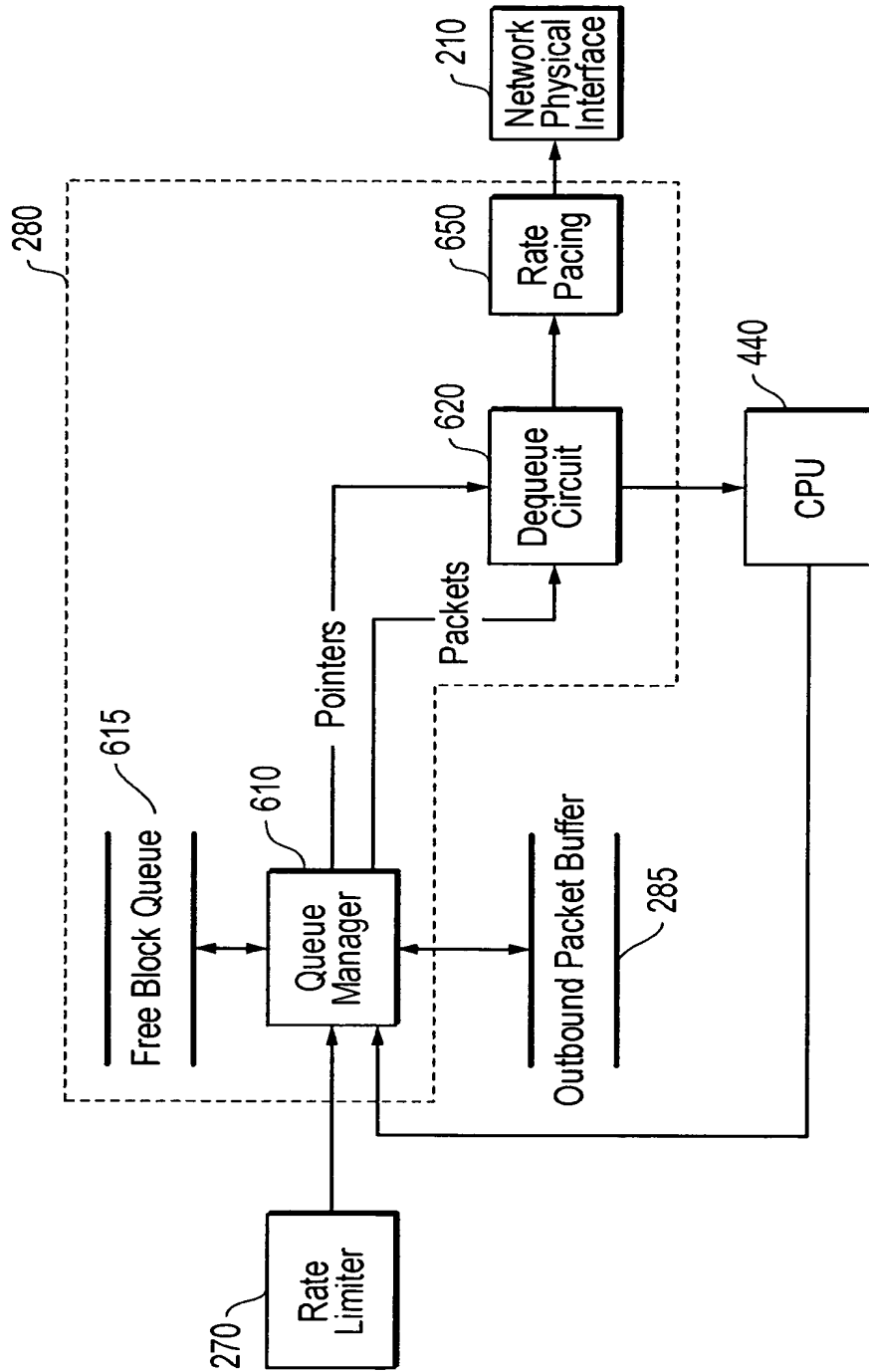


FIG. 6

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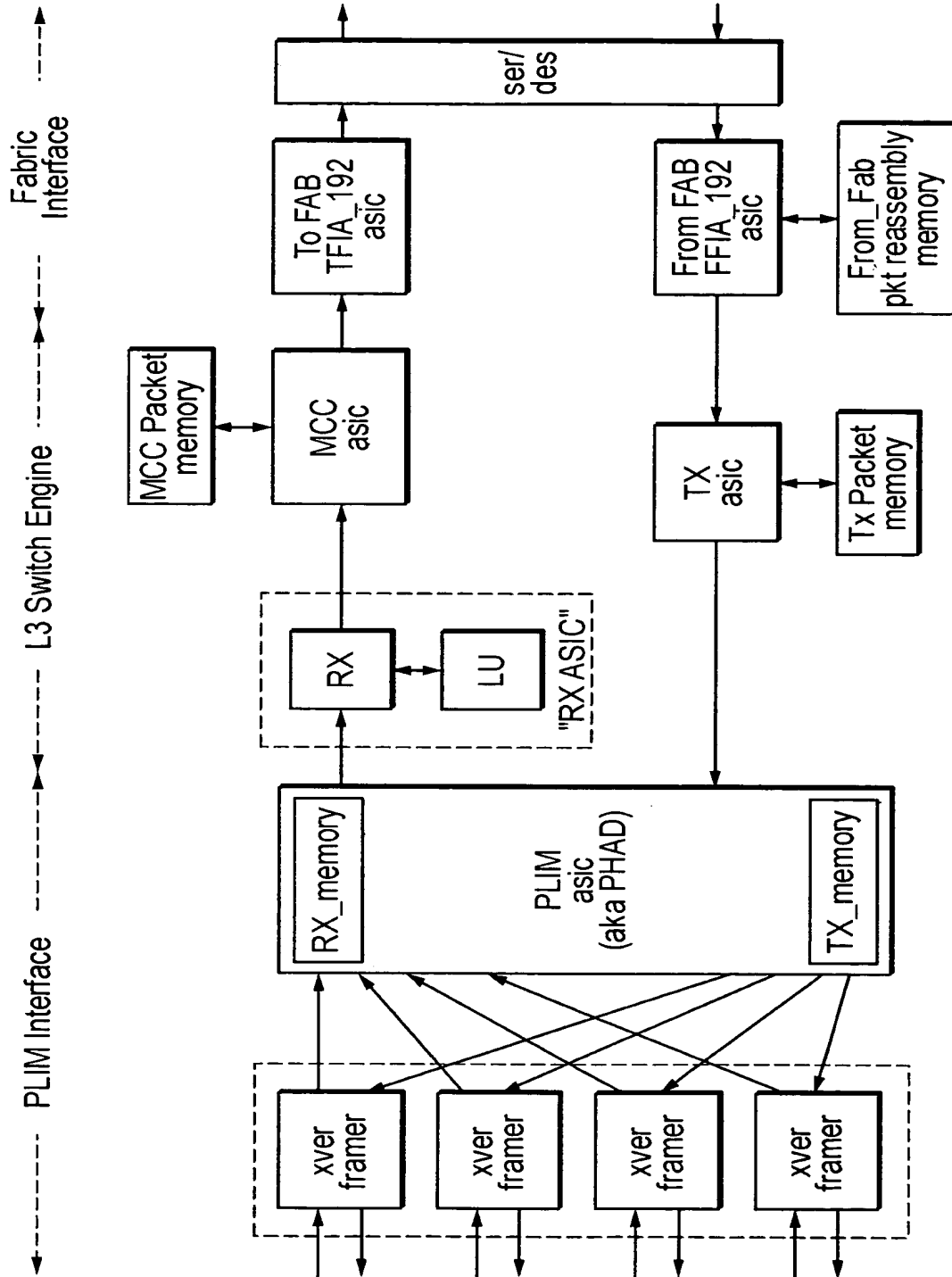


FIG. 7

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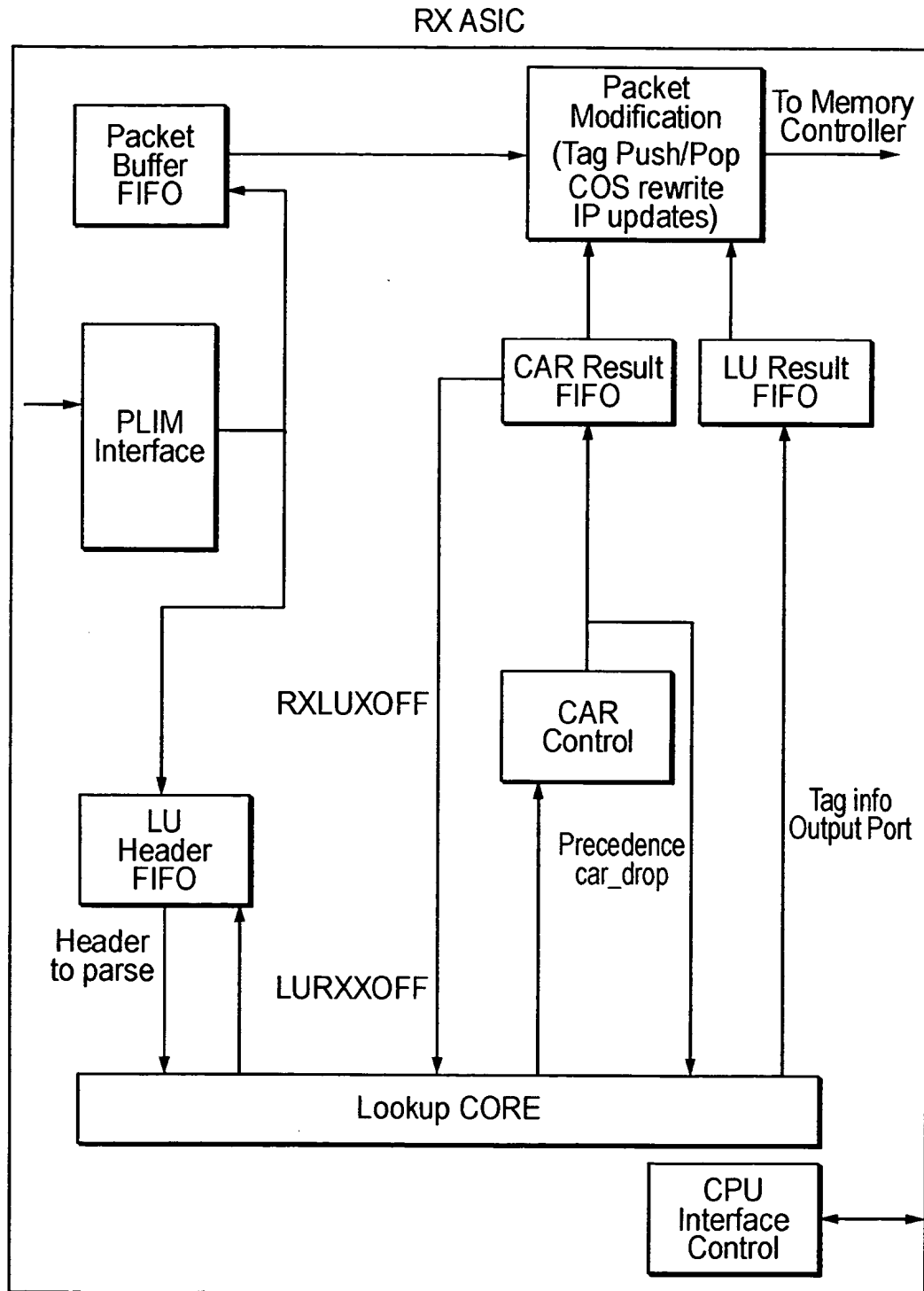


FIG. 8

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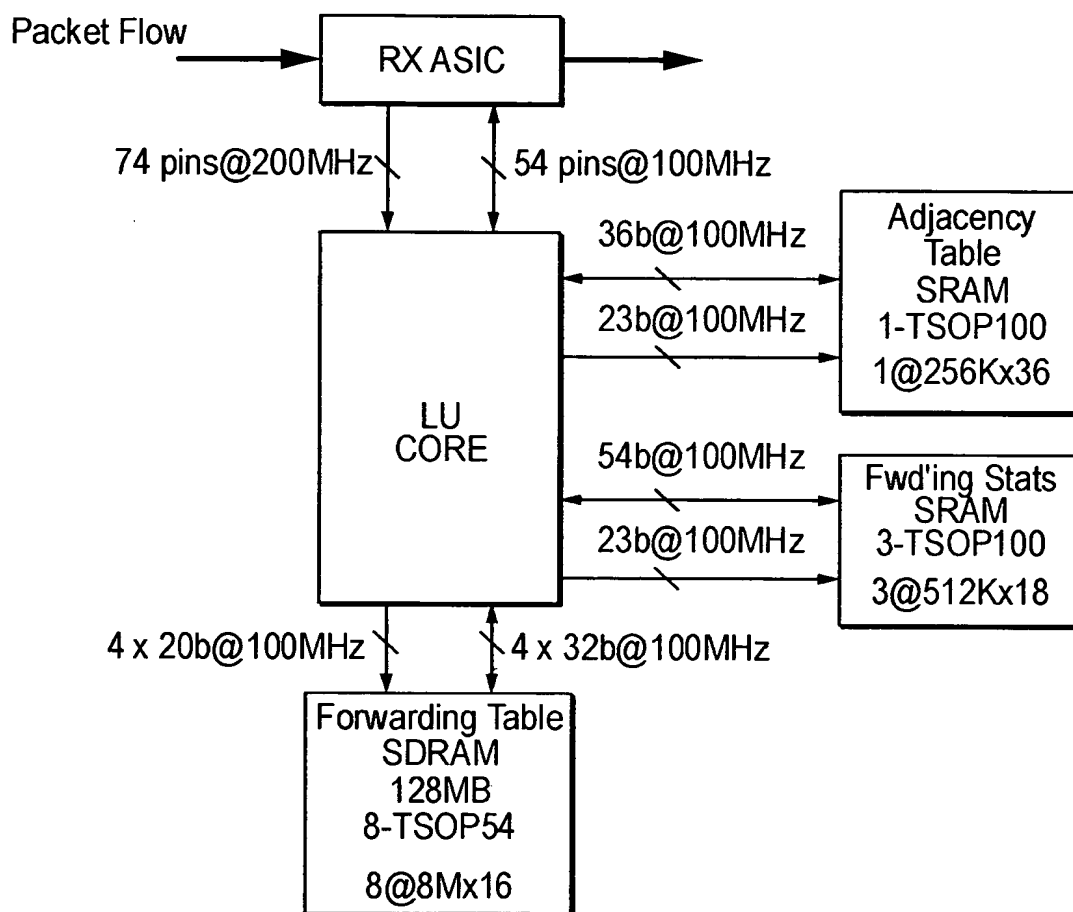


FIG. 9

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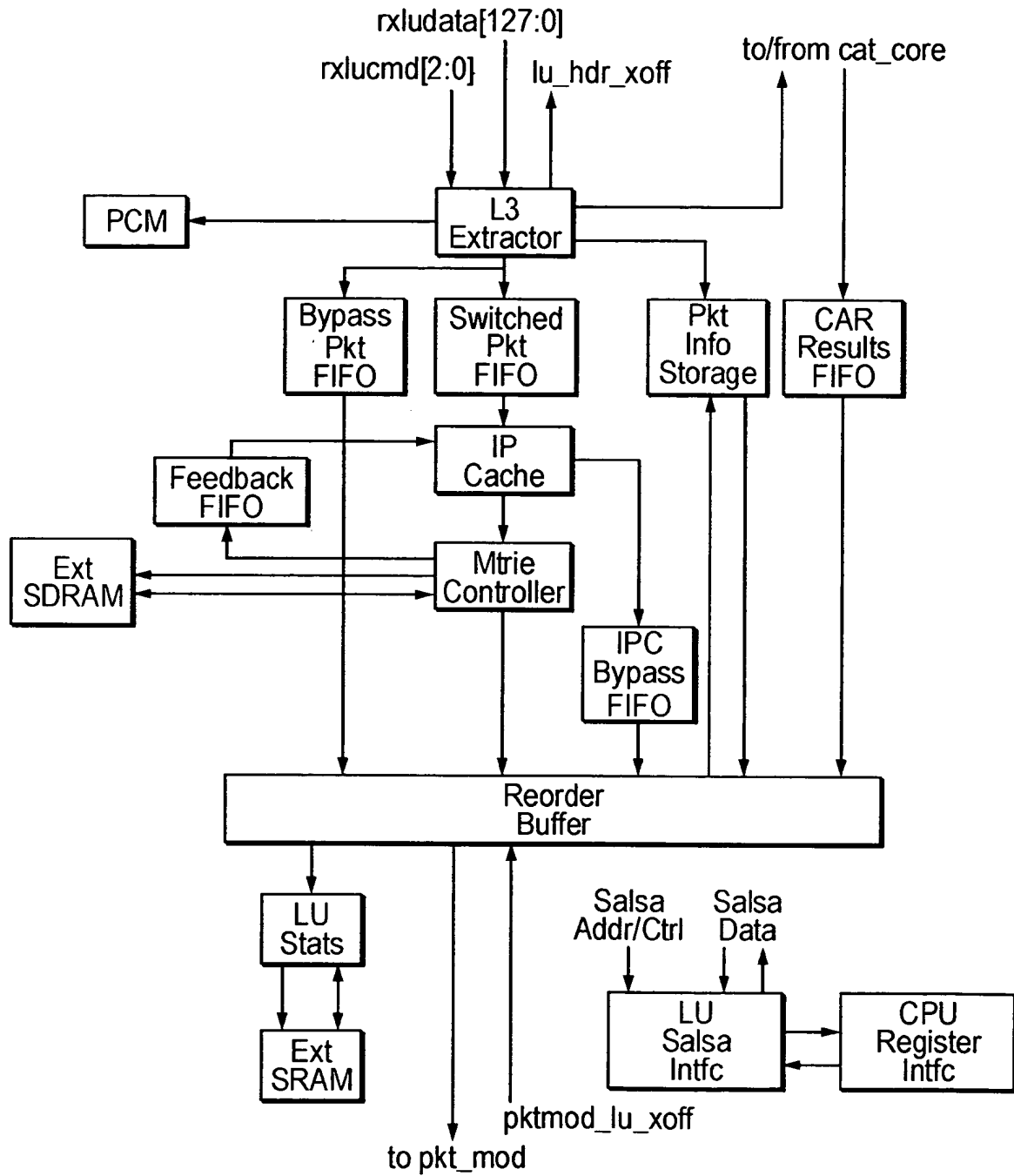


FIG. 10

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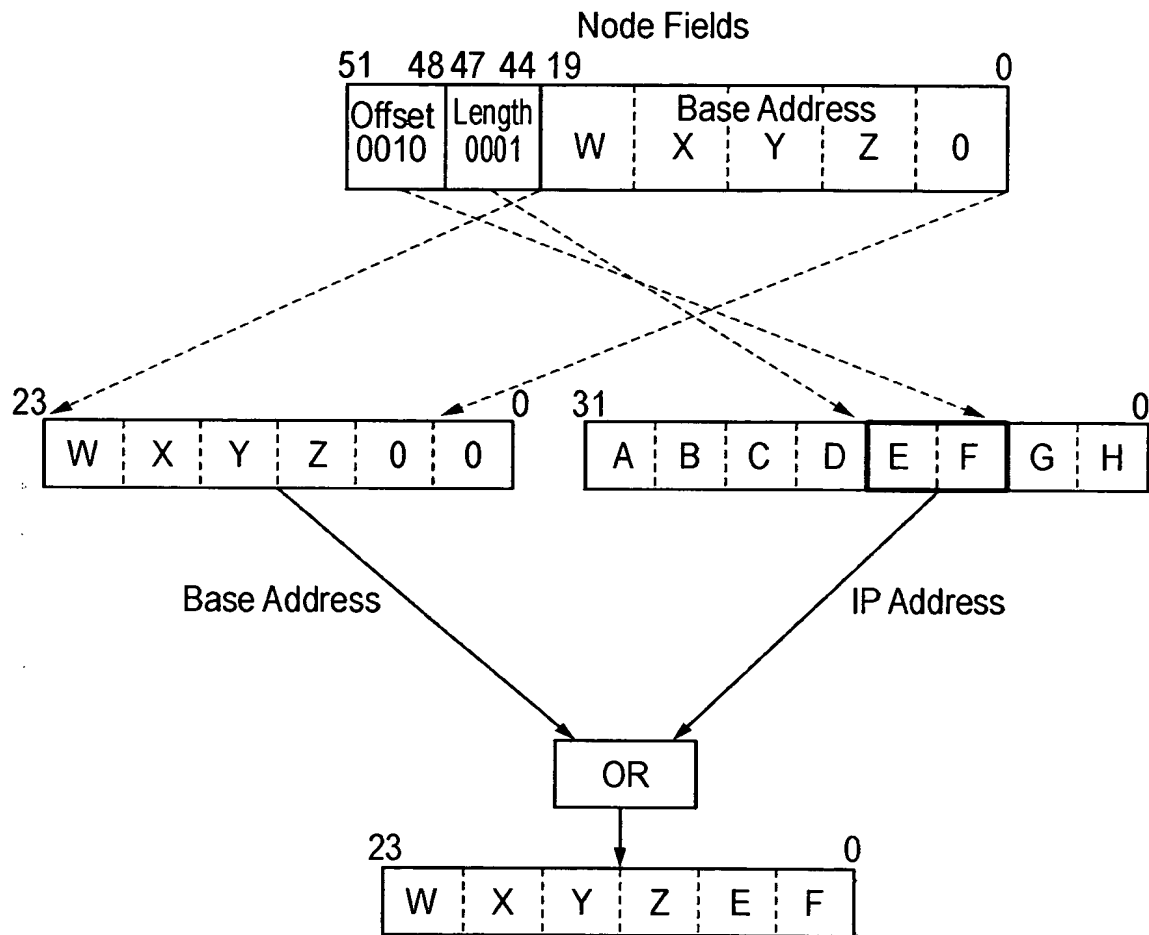


FIG. 11

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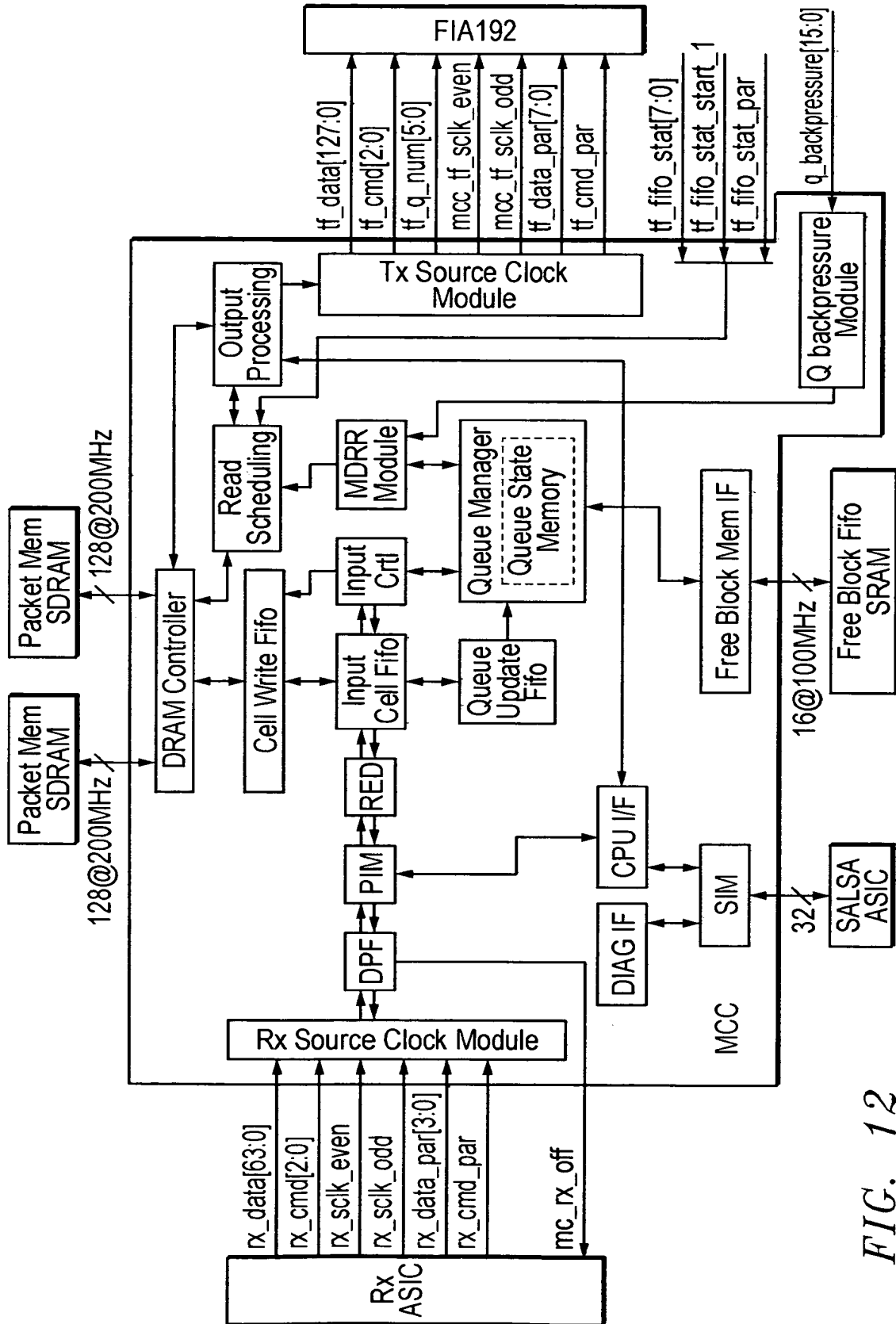
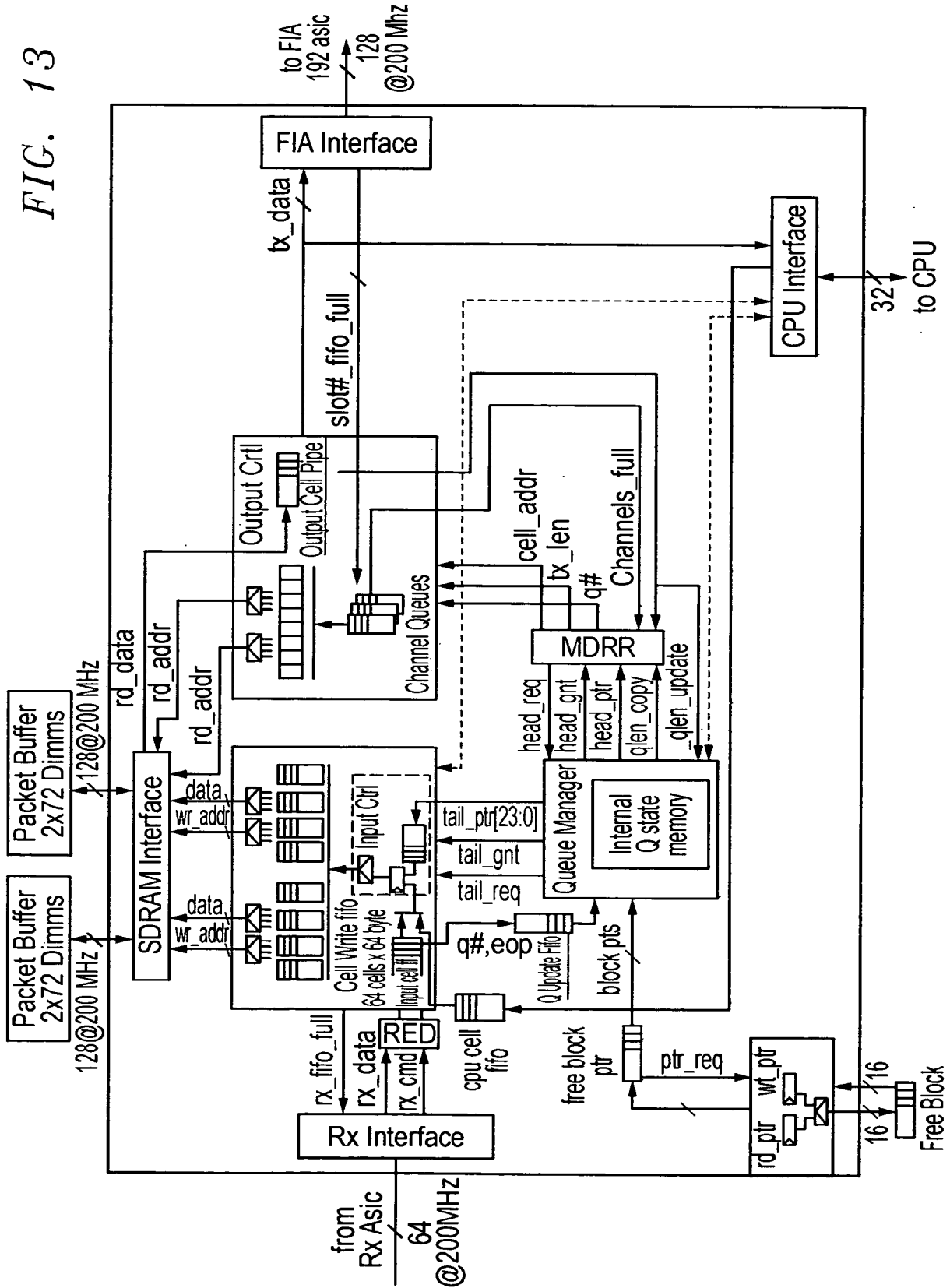


FIG. 12

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FIG. 13



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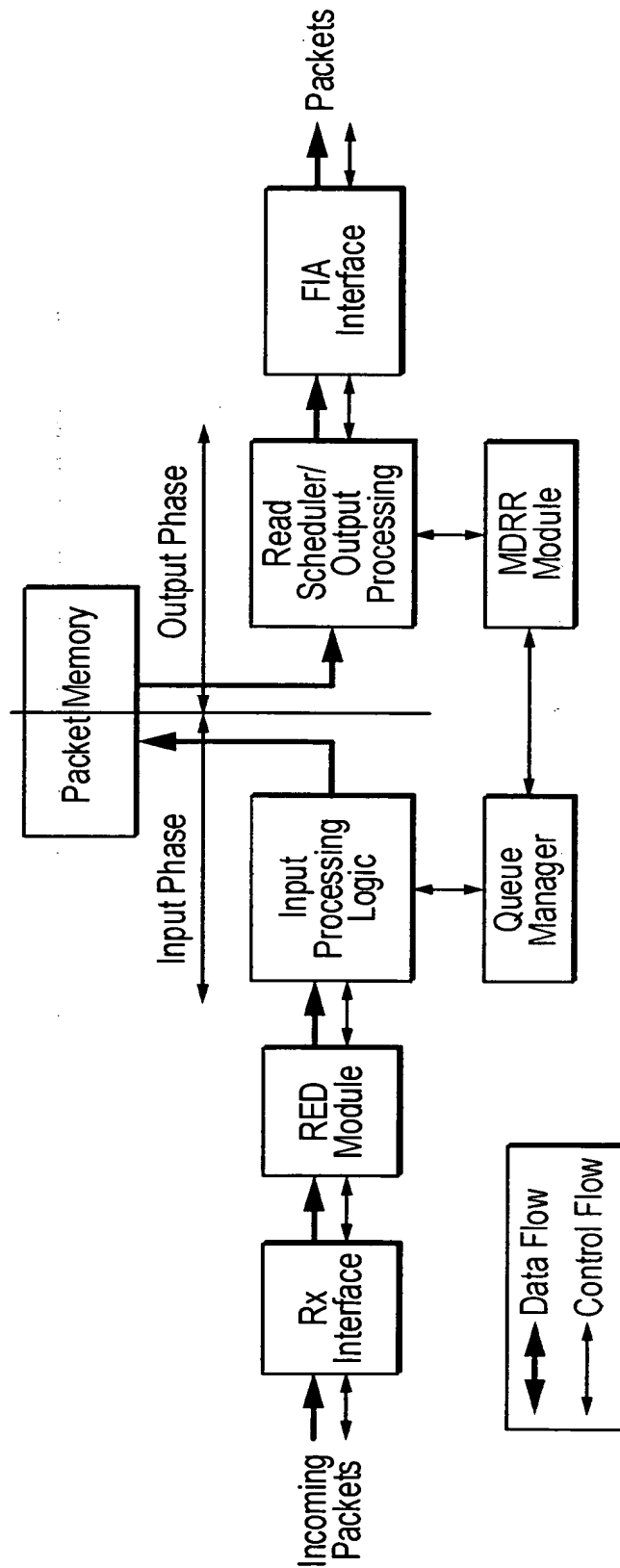
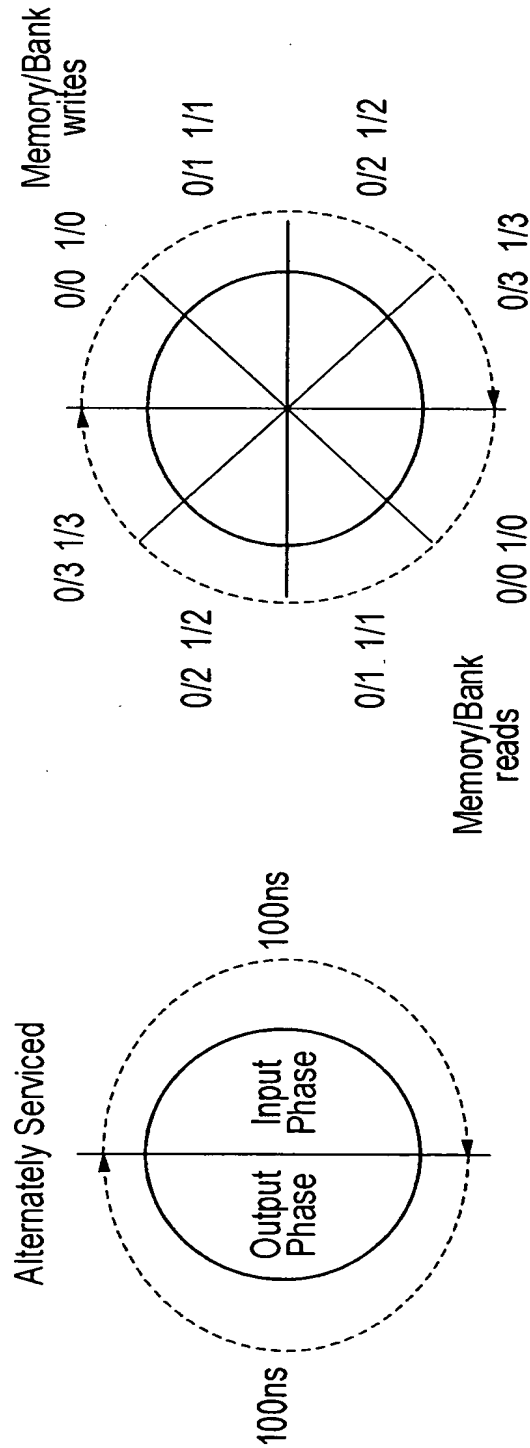


FIG. 14

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200ns: 4 bursts of 4 write: 80ns, 4 bursts of 4
 read: 80ns, turnaround: 40ns

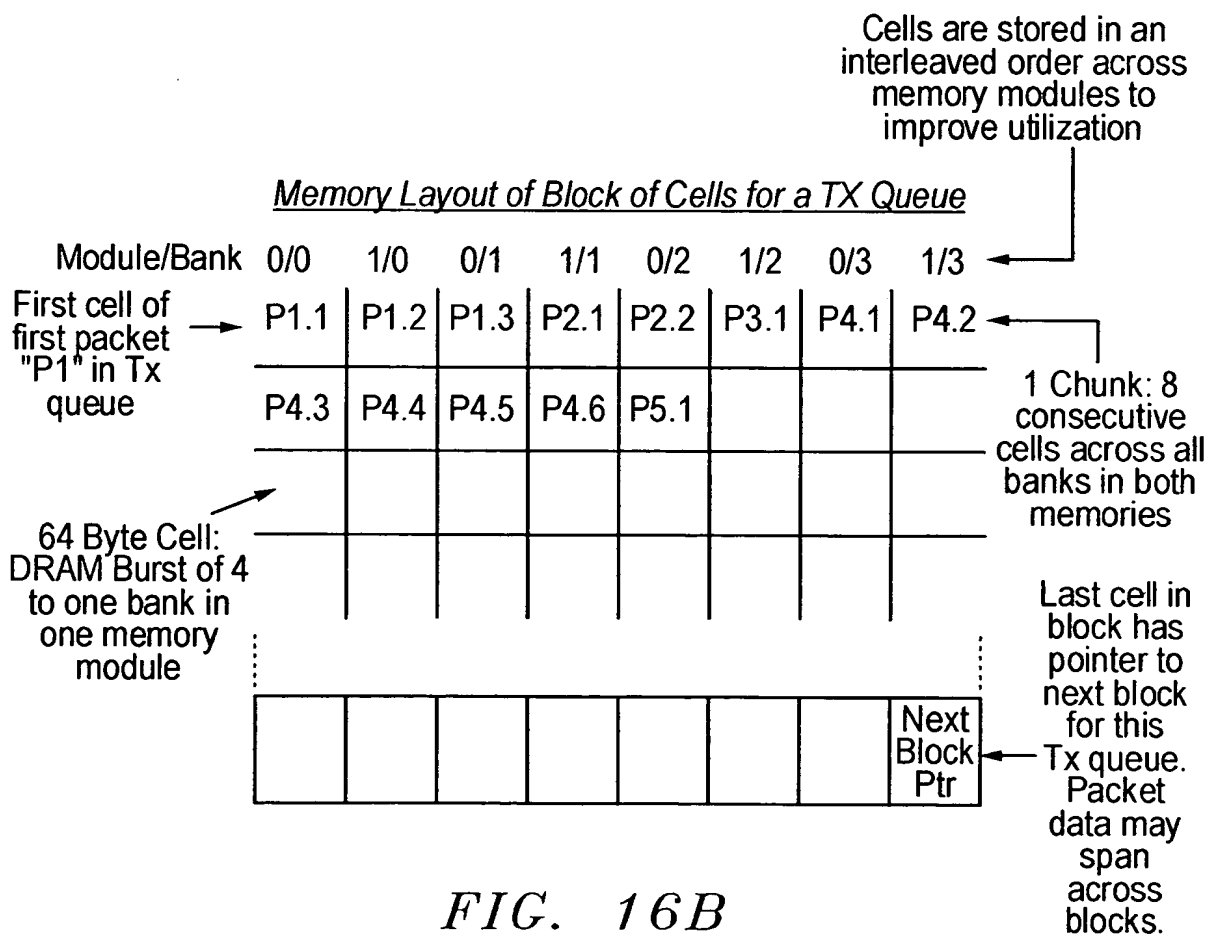
FIG. 15

Module/Bank 0/0 0/1 0/2 0/3

1/0 1/1 1/2 1/3

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FIG. 16A



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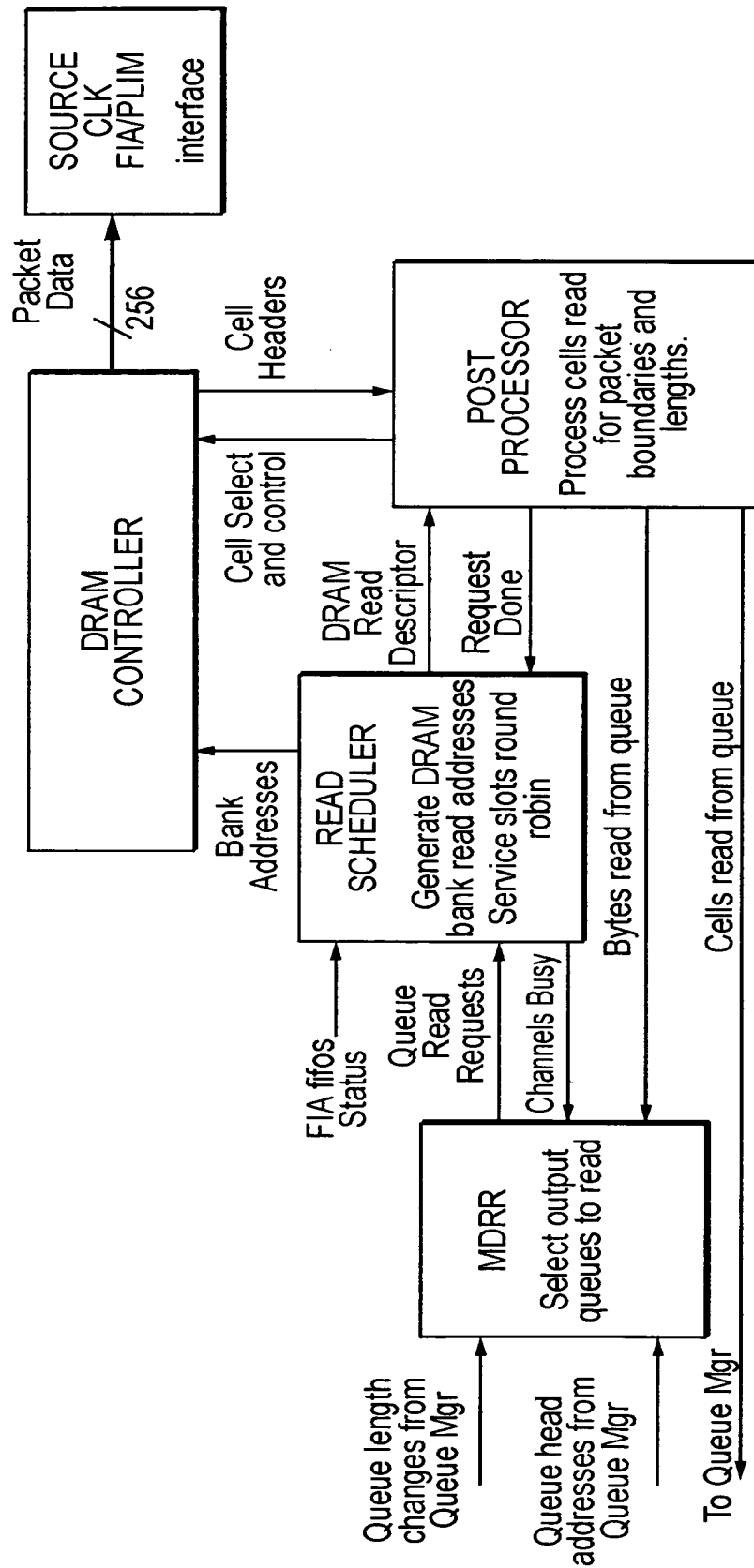


FIG. 17

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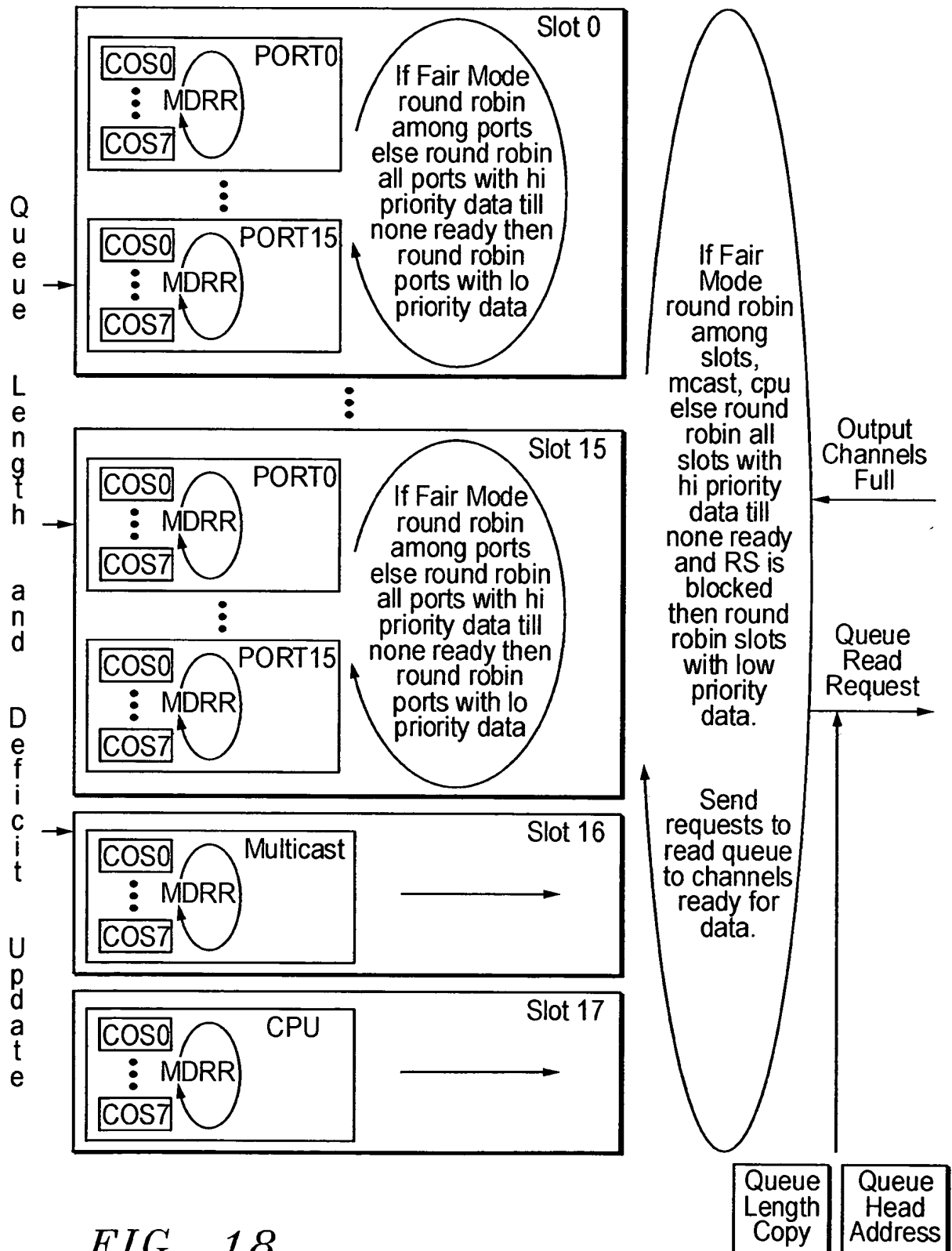
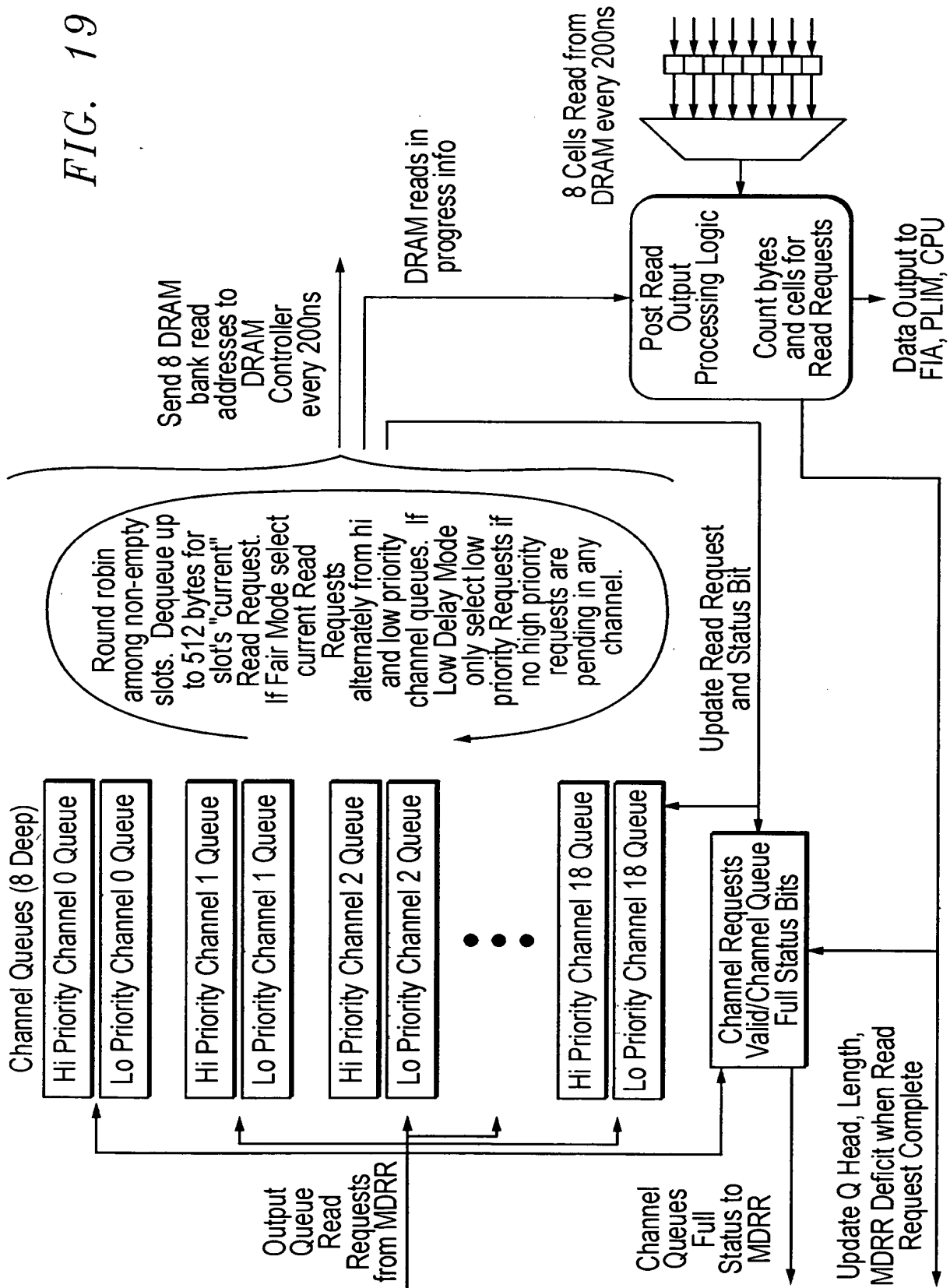
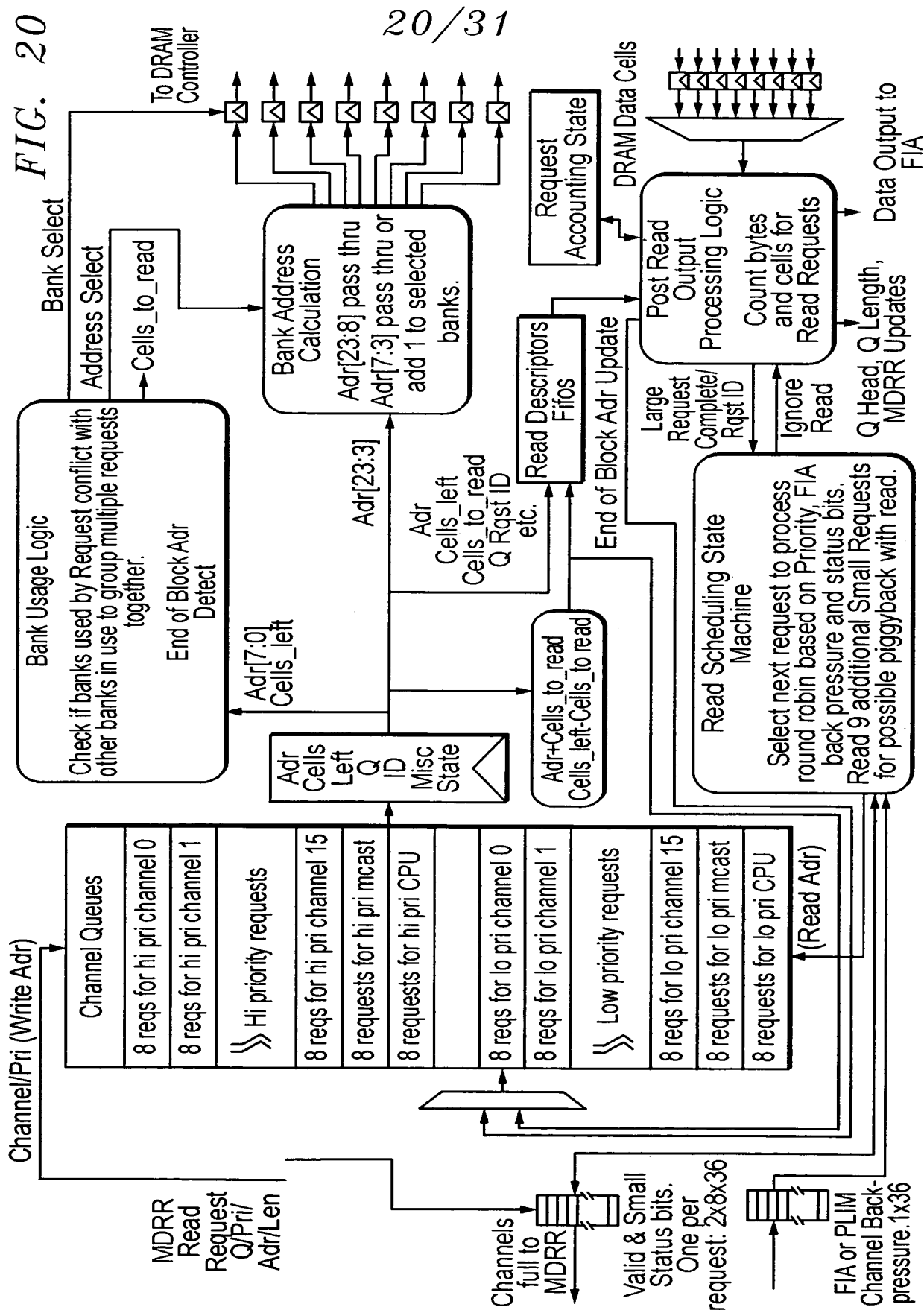


FIG. 18

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FIG. 19





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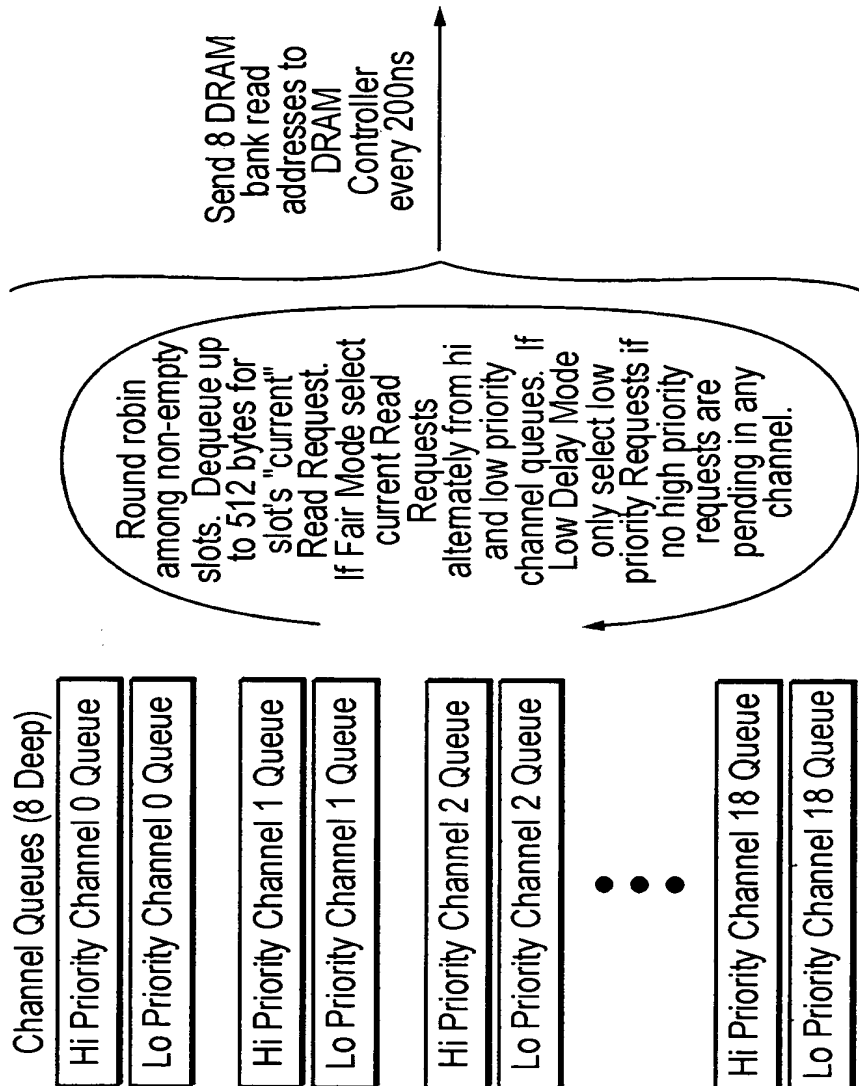


FIG. 21

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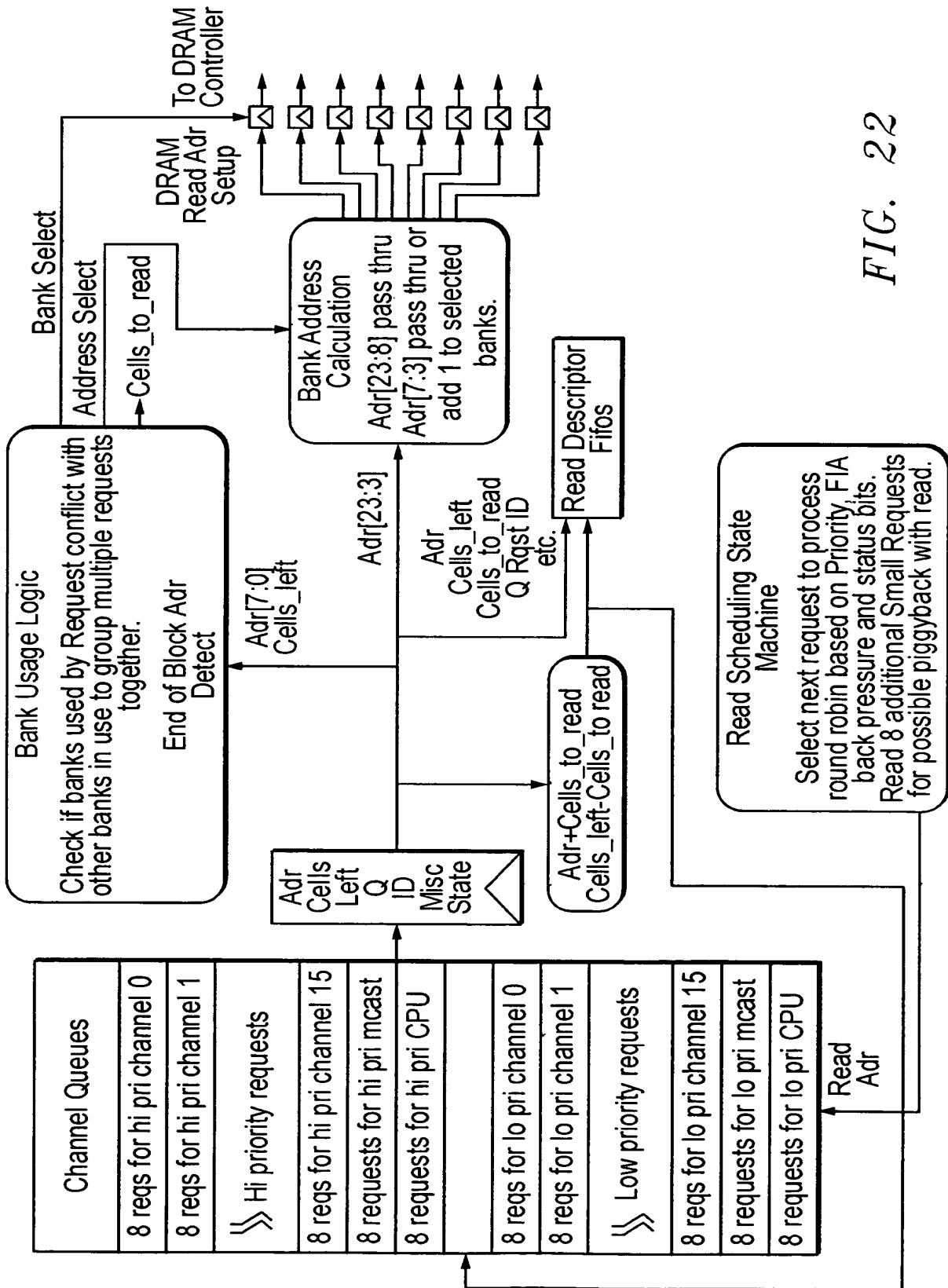


FIG. 22

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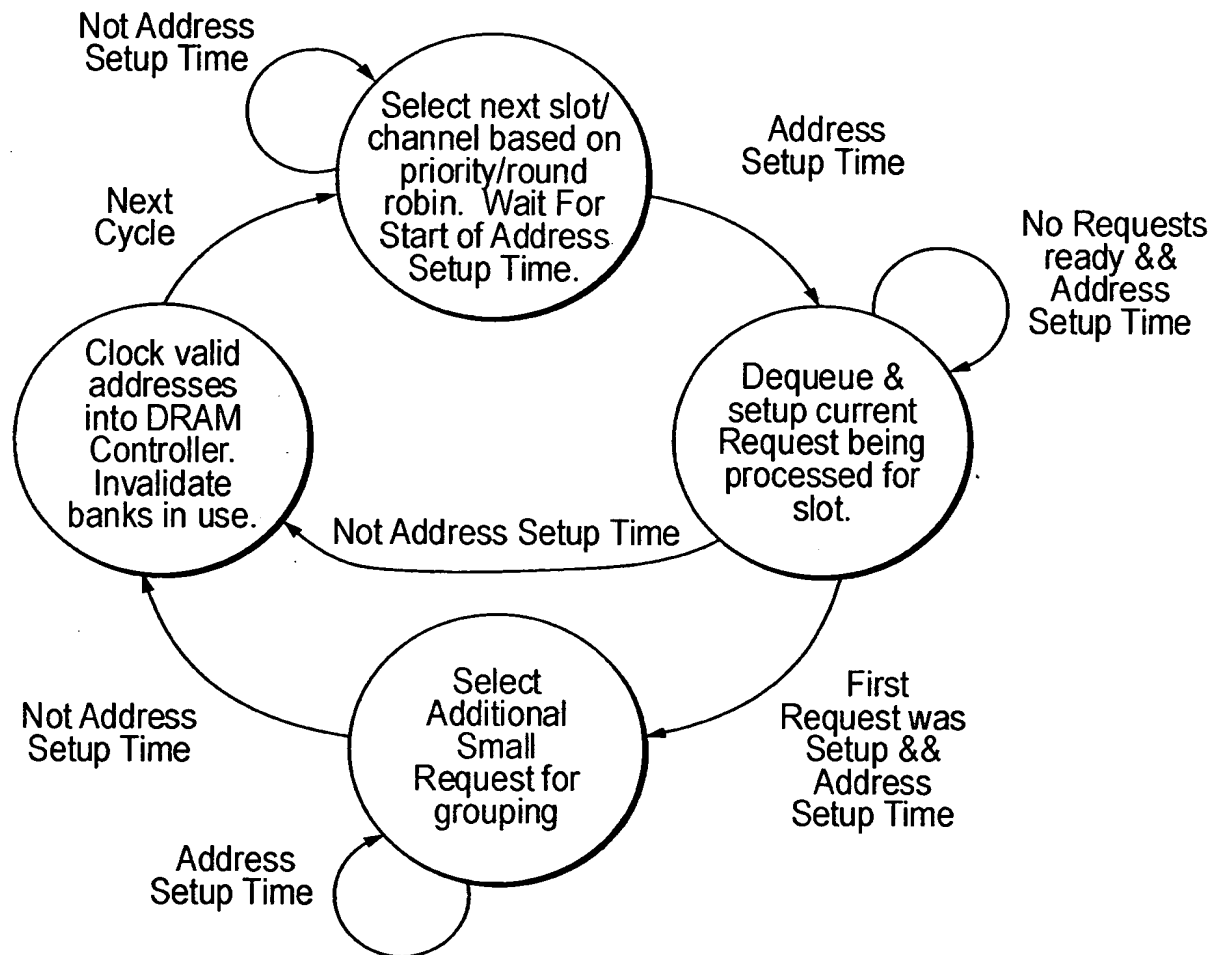


FIG. 23

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Read Cycle	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	2	2	2	2	3																			
Channel Number	0	0	0	0	0	0	0	0	0	4	4	4	4	4	4	4	4	0	0	0	0	8																			
Queue Number:	14	14	14	14	14	14	14	14	14	307	307	307	307	307	307	307	307	14	14	14	14	514																			
Data Cells:	<table><tr><td>Hdr</td><td>Data</td><td>Data</td><td>Data</td></tr></table>				Hdr	Data	Data	Data	<table><tr><td>Data</td><td>Hdr</td><td>Data</td><td>Data</td></tr></table>				Data	Hdr	Data	Data	<table><tr><td>Data</td><td>Hdr</td><td>Data</td><td>Data</td></tr></table>				Data	Hdr	Data	Data	<table><tr><td>Data</td><td>Hdr</td><td>Data</td><td>Data</td></tr></table>				Data	Hdr	Data	Data	<table><tr><td>Data</td><td>Hdr</td><td>Data</td><td>Data</td></tr></table>				Data	Hdr	Data	Data	EoB
Hdr	Data	Data	Data																																						
Data	Hdr	Data	Data																																						
Data	Hdr	Data	Data																																						
Data	Hdr	Data	Data																																						
Data	Hdr	Data	Data																																						
DRAM Bank:	5	6	7	0	1	2	3	4	3	4	5	6	7	0	1	5	6	7	0	7																					

FIG. 24

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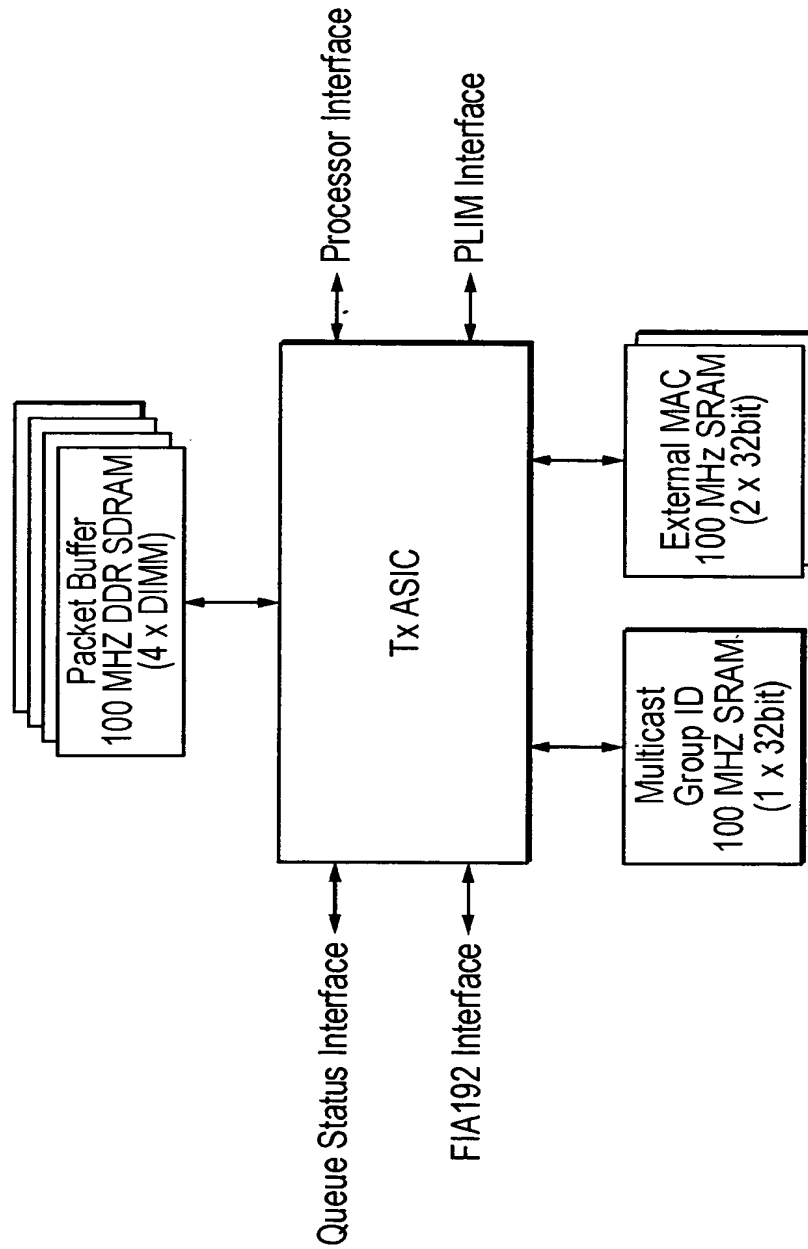


FIG. 25

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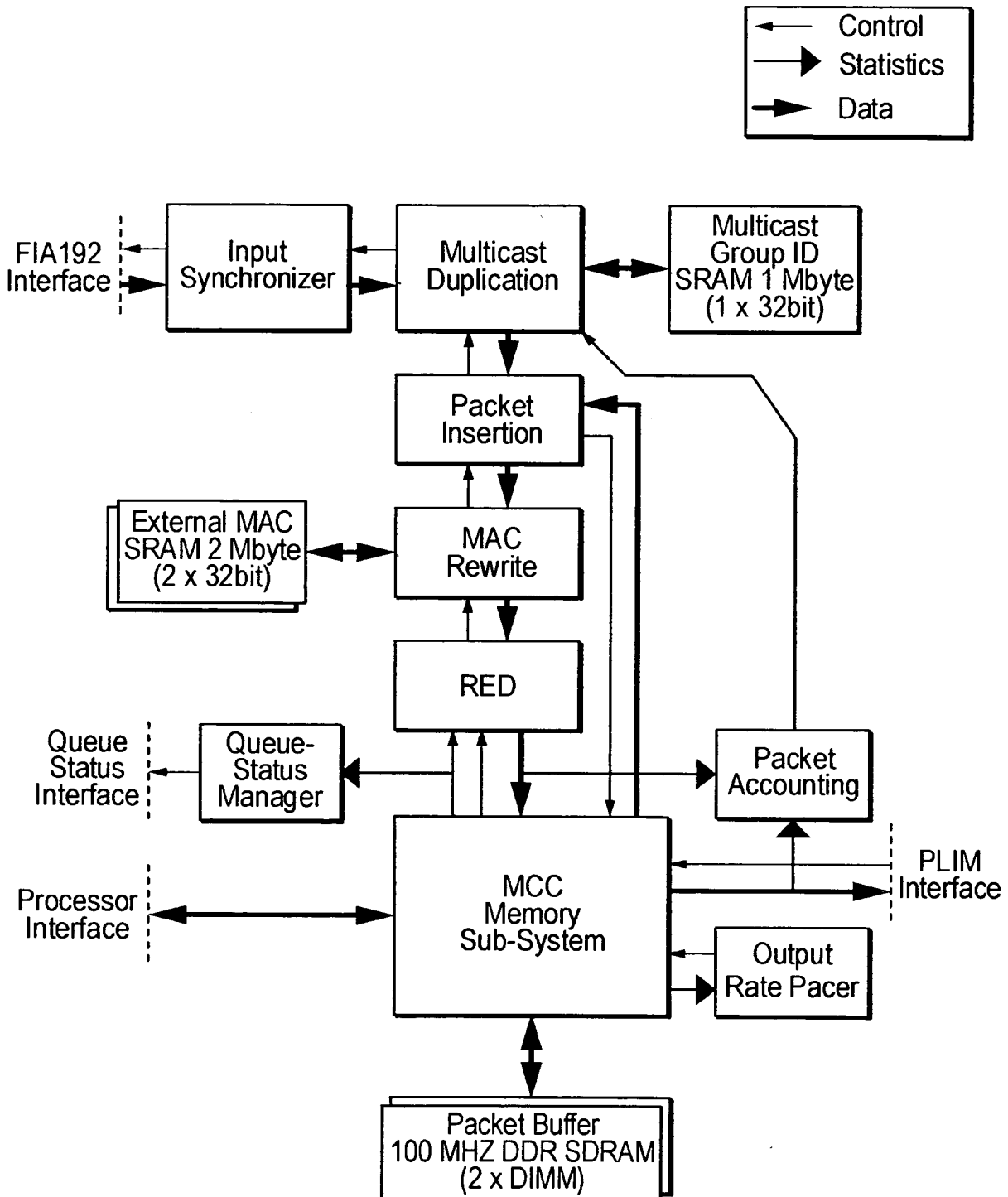


FIG. 26

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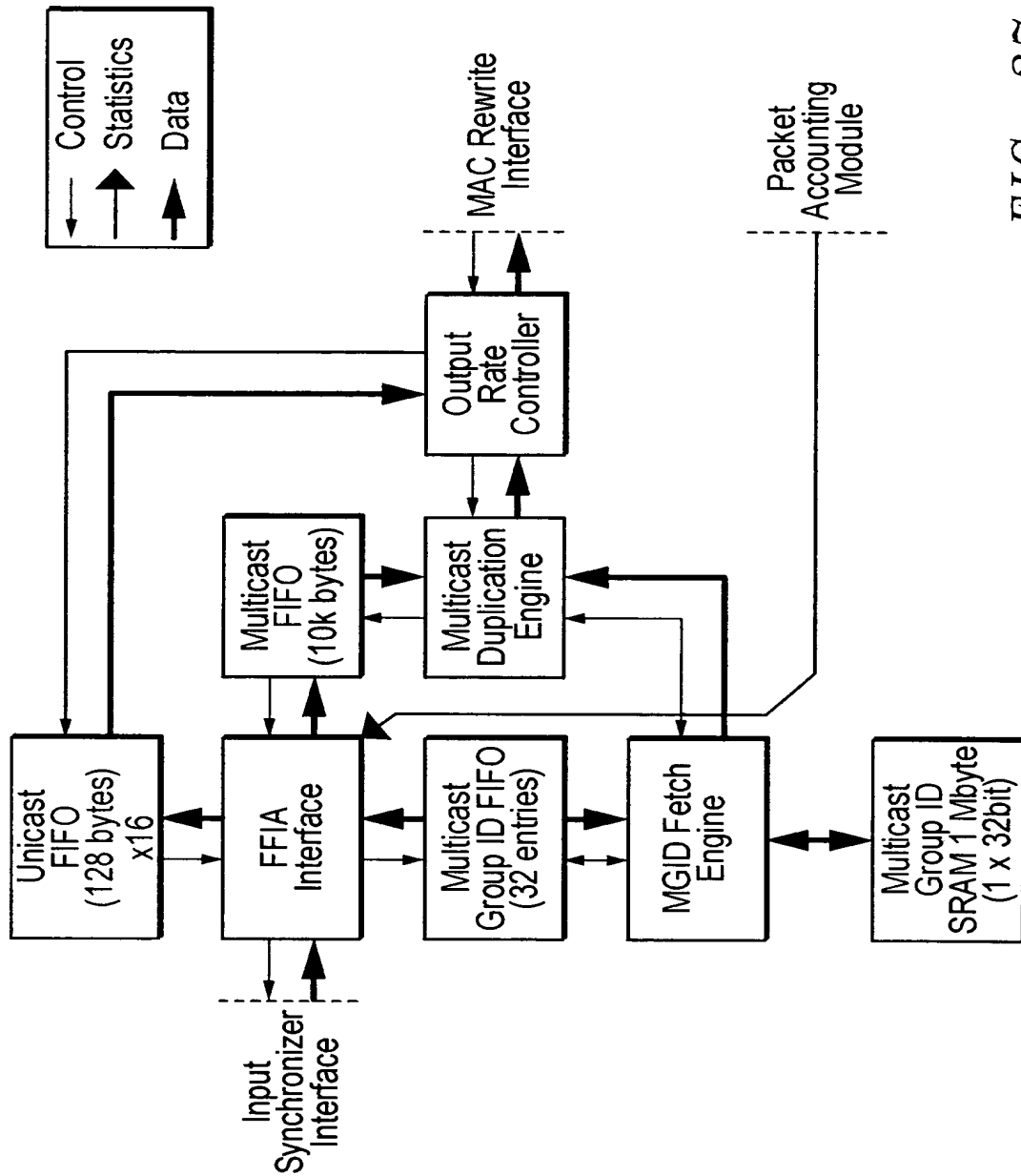


FIG. 27

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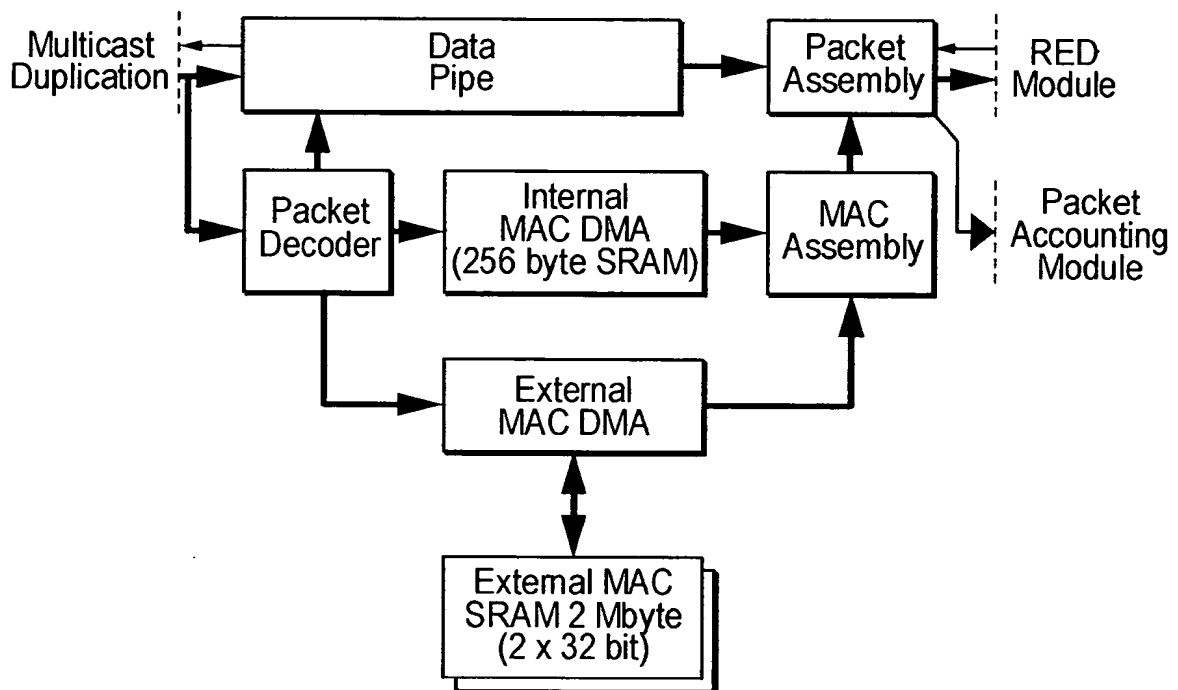


FIG. 28

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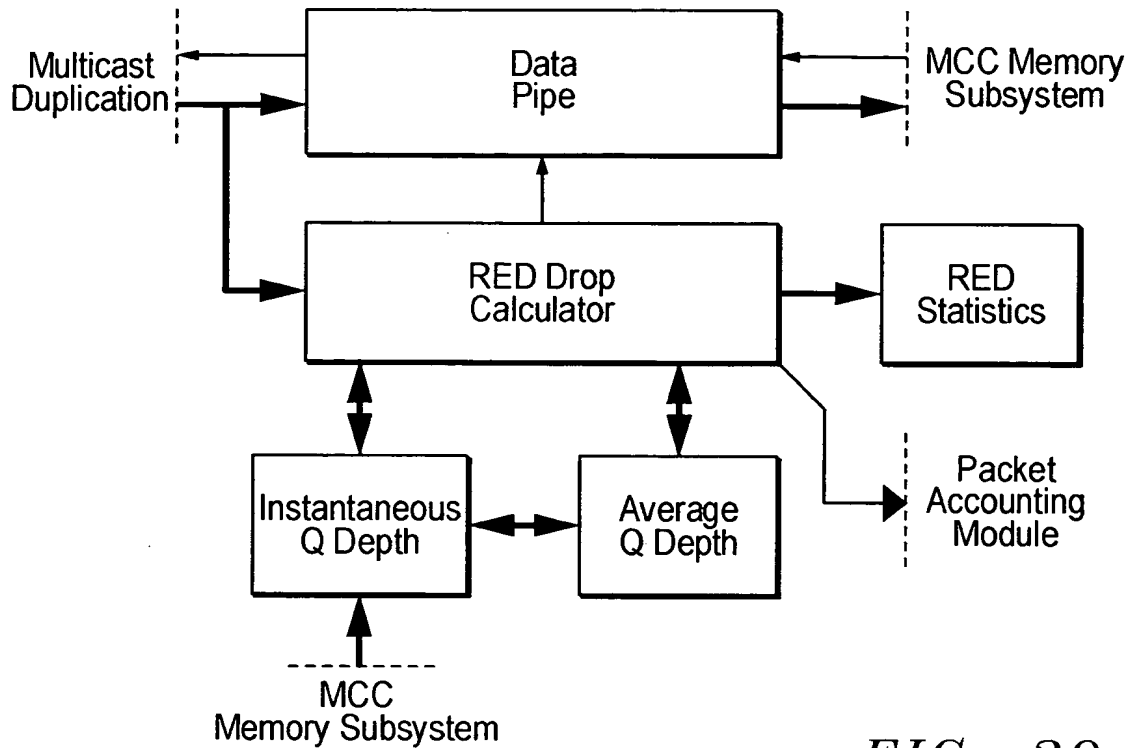


FIG. 29

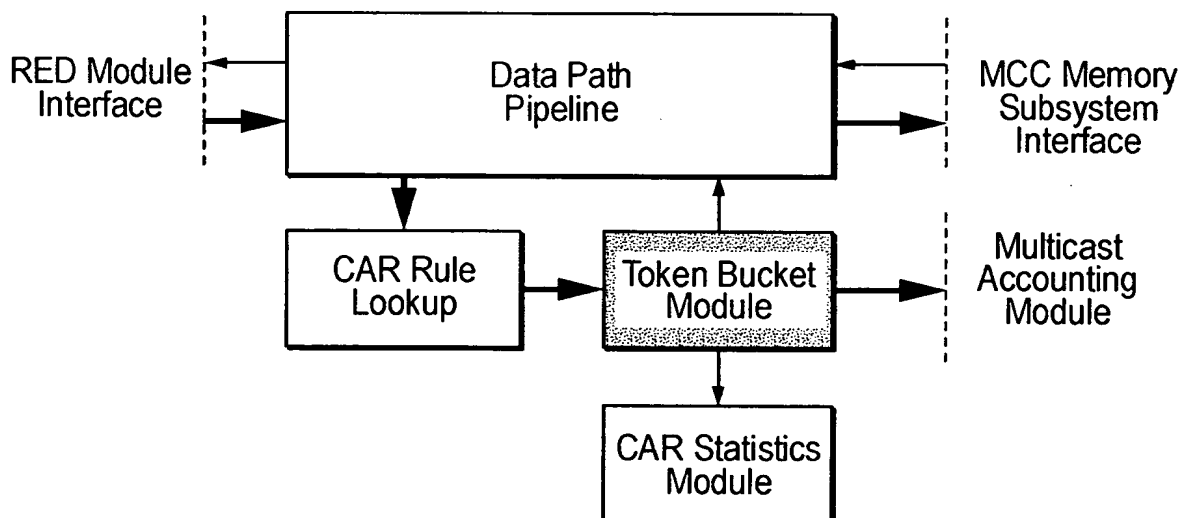


FIG. 30

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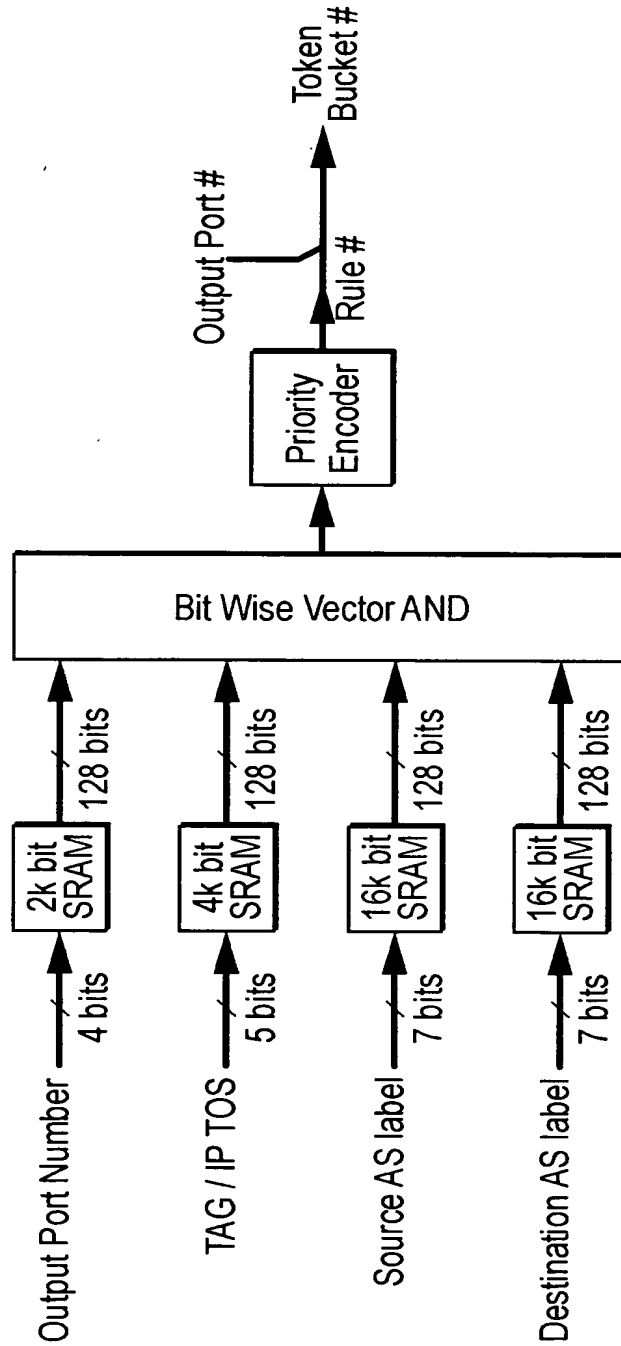


FIG. 31

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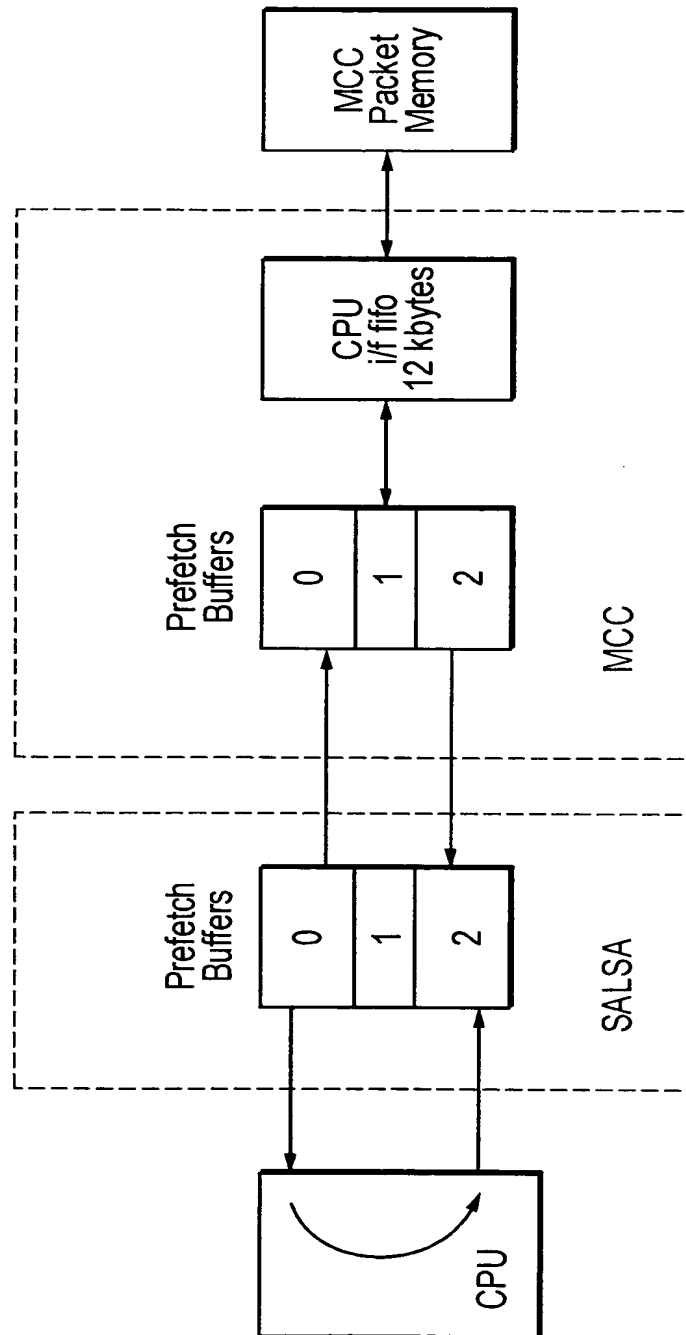


FIG. 32